

VITROLITE

CONSTRUCTION DETAILS

A FUSED ROCK SLAB MATERIAL
FOR WALLS • CEILINGS AND
TOILET PARTITIONS • FOR IN-
TERIOR AND EXTERIOR CON-
STRUCTION AND DECORATION.
THE VITROLITE COMPANY
120 S. LA SALLE ST., ROOM 1100, CHICAGO, ILL.
FACTORY—PARKERSBURG, WEST VIRGINIA



THE VITROLITE COMPANY

Vitrolite—A Fused Rock-Slab Material

EXECUTIVE AND SALES OFFICES
120 So. La Salle Street
CHICAGO, ILL.



LOCAL REPRESENTATIVE



FACTORY
PARKERSBURG,
WEST VIRGINIA

OFFICES IN ALL PRINCIPAL CITIES IN UNITED STATES AND CANADA

Vitrolite Structural Details

In recent years Vitrolite has set the pace for all structural glass materials. It is the answer of science to the modern demand for sanitation, combined with beauty.

Vitrolite has long been considered a standard material for all purposes having to do with sanitation and cleanliness. With the variety of colors and textures now available, the architect has come to recognize in Vitrolite a means of securing the highest degree of beauty and architectural character.

Especially since the modern trend in design has become so widespread has Vitrolite come into favor as a material of first importance for such purposes as fine office buildings and theatre lobbies. The list of prominent buildings in which it has been used by leading architects is an imposing one.

Vitrolite requires distinctively different structural methods and detailing than marble or tile. To make it easier to work out projects in Vitrolite, the information and details on the following pages are presented to the architectural profession with the assurance that in Vitrolite they will find a material that not only meets the most exacting requirements of service, but will prove a source of increasing interest and fascination to the designer who is striving to interpret this modern age in terms of directness, simplicity and beautiful color.

Facts About Vitrolite

Composition—Vitrolite is an opaque and impervious fire polished, vitreous slab material. In its manufacture, Feldspar, Fluorspar, China Clay, Sand, Kryolith, Manganese and about ten other minerals are fused under tremendous heat, rolled into slabs of various thicknesses and tempered in annealing ovens. Each slab of Vitrolite is trade marked on the back.

Qualities—Vitrolite is non-porous and non-absorbent, consequently it is impervious to moisture, grease, or even to the effects of all acids except hydrofluoric which is used to etch glass. It is stainproof even after years of service. Its hard, fire polished surface will never disintegrate and will retain its luster indefinitely. It will never become marred by surface cracks or crazing. It cannot warp, swell, or pull apart. It is very difficult to write or mark upon and any marks that might be made can be easily wiped off. It is particularly easy to keep clean, the stroke of a damp cloth being sufficient in most cases.

Strength—Vitrolite has a minimum tensile strength of 937 lb. per sq. in. and crushing strength of 31,658 lb. per sq. in., which is about 40% greater than marble. It has a very high resistance to abrasion. Under laboratory tests for staining, a solution consisting of concentrated hydrochloric acid, concentrated sulphuric

VITROLITE
"BETTER THAN MARBLE"

acid and 50% sodium hydroxide solution was poured on the surface of Vitrolite and allowed to stand for twenty-four hours and at the end of that time no staining occurred or deterioration of surface. Another regular staining test was used, with a solution of 5% potassium permanganate, 5% iodine and 5% crystal violet (an organic dye) and no staining resulted. Under either of these tests marble will stain very badly. Vitrolite is impervious to fruit acids, lactic acid, uric acid and red ink.

Weight—Actual weight, lb. per sq. ft.: $\frac{1}{8}$ in., 4 lb.; $\frac{7}{16}$ in., 5 $\frac{1}{4}$ lb.; $\frac{3}{4}$ in., 9 $\frac{1}{2}$ lb.; 1 in., 11 lb.; 1 $\frac{1}{4}$ in., 14 $\frac{1}{2}$ lb.

Packed weight, lb. per sq. ft.: $\frac{1}{8}$ in., 5 lb.; $\frac{7}{16}$ in., 6 $\frac{1}{2}$ lb.; $\frac{3}{4}$ in., 12 lb.; 1 in., 14 lb.; 1 $\frac{1}{4}$ in., 18 lb.

Surfaces and Textures

Fire Polished—Vitrolite is rolled with a fire polished surface that is extremely dense and smooth and has a very high polish. The surface is very slightly wavy and is preferred for most purposes because of the interesting quality of the reflections produced.

Satin Finish—Black and jade are also rolled with a semi-matt stippled surface called "satin finish."

Mechanically Polished—A mechanically perfect mirror-like surface is only produced by mechanically polishing and can be supplied in Vitrolite at extra cost. This surface should be used with considerable discretion as it imparts an effect of empty space and unreality that is very effective in confined panels but gives an effect of inconsistency when used on structural members or regular wall surfaces, the fire polished surface being preferable in most cases.

Sandblast—Where greater richness or effects of scale are desired the various degrees of sandblast, especially on black, can be used to produce a type of ornament of lustrous beauty, which takes its quality not only from the pattern produced but also from the various modifications of light reflection. The sandblast may be used to produce effects of modeling; signs of all kinds and grilles may be had by penetrating entirely through slabs.

Dendric Surface—This is done by the glass process of glue chipping. The resulting surface is an irregular pattern effect similar to frosting on glass, giving a very interesting quality of reflection.

Acid Etching—Various surface effects may be produced by acid etching but they are difficult to control on opaque glass and are not in general use.

Colors—Vitrolite is produced regularly in white, black, ivory, jade (a light green), orchid, gray and blue. These are plain colors, uniform in shade. Recent additions are orchid-agate, ebony-agate, emerald-agate and

walnut-agate. These are variegated colors combining a number of shades of the basic colors in agate effects. Flashed-jade Vitrolite consists of a layer of about $\frac{1}{8}$ in. jade fused over a base of black Vitrolite. Flashed-jade makes beautiful table tops. Two color signs and cameo effects can be produced by sandblasting through the jade, exposing the black as a background.

Reinforced Vitrolite—Vitrolite reinforced with expanded metal is a new development that offers wide possibilities in exterior work. It makes the use of Vitrolite practical for the entire surfacing of office buildings and many other types of structures. Reinforced Vitrolite is made in the standard Vitrolite colors and at present only in $\frac{3}{4}$ in. thickness.

Decoration—Arrangement and Color Combination—There has become such a widespread recognition among architects of the beauty of the highly polished surface of Vitrolite that it is being increasingly used for the finest kinds of interiors, such as entrance ways, vestibules, main lobbies and elevator lobbies of office buildings and theatres. It is advised that decorative effects be confined as far as possible to the wall arrangements and color combinations obtained by the use of different sizes, shapes and colors in the fire-finished or mechanically polished surface, or in combination with metals and mirrors.

Inlaid Enamels, Lacquers, etc.—Vitrolite may be used as a background for colored ornamentation, decorative panels, insignia, etc., by sandblasting patterns to a certain depth and then inlaying colored enamels or lacquers. Bronze colors and gold or silver leaf can also be used in this way. Mosaic inlay combined with black Vitrolite as a background may be used effectively for theatre and other types of decoration. It is advised that these decorative processes be used with discretion and that designs be carefully studied with reference to the processes.

Sizes and Thicknesses—Vitrolite is rolled in the form of large sheets or slabs which are cut up and finished to required sizes. Plain colors are produced in thicknesses of $\frac{1}{2}$, $\frac{7}{16}$, $\frac{3}{4}$, 1 and $1\frac{1}{4}$ in. White Vitrolite only may also be had in thicknesses of $\frac{1}{4}$ and $\frac{1}{2}$ in. The different colors of agate-Vitrolite are made only in $\frac{3}{4}$ in. thickness. The sizes and thicknesses to use in actual installations are dependent on the location and construction, and the purpose for which it is used. Table and counter tops, and window stools are generally $\frac{3}{4}$ in. thick or over; base, door, and window trim, pilasters, caps, borders, $\frac{7}{16}$ or $\frac{3}{4}$ in. thick or more where greater reveals are desired. Ashlar panels from $8 \times 12 \times \frac{1}{2}$ in. thick to $12 \times 24 \times \frac{1}{2}$ in. thick are generally used for wainscoting. Large panel wainscoting should be not less than $\frac{7}{16}$ in. thick and should not exceed 2 ft. 6 in. x 7 ft. 0 in. Vitrolite ceiling plates are generally $\frac{1}{2}$ in. and not to exceed 24×24 in. These are held in place by screws, metal rosettes, or metal moldings, screwed to wood furring strips.

Working of Edges, etc.—Vitrolite may be furnished with cut, ground, polished, rounded, mitered, or beveled edges. It may be notched, drilled or cut to special shapes, but not molded.

Preparation of Walls, Installation, etc.—Vitrolite may be applied to any hard, dry, rigid wall surface. Generally it is applied to walls with a brown coat of plaster, finished smooth, although hard finish plaster makes an ideal surface to cement to. The wall is first painted with waterproof sizing compound, then the Vitrolite is applied with a special non-hardening plastic

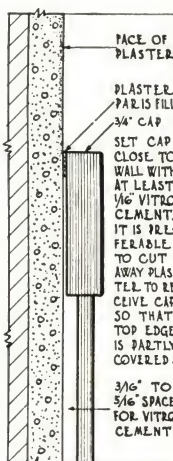
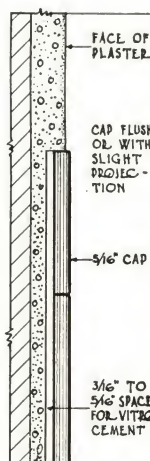
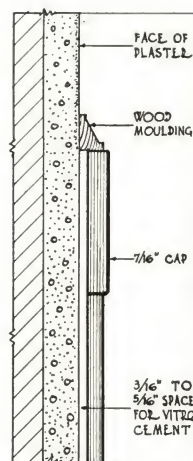
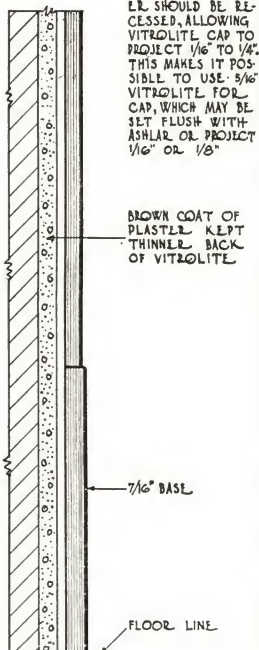
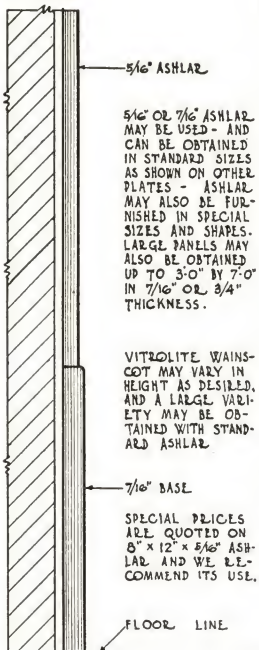
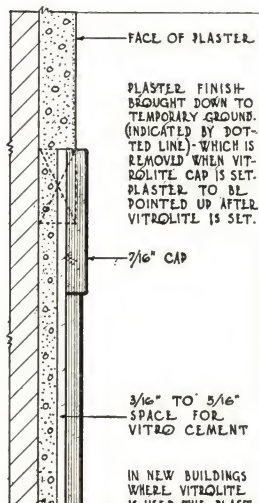
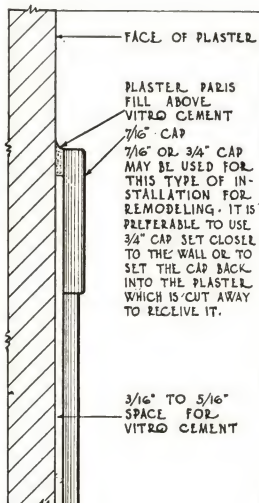
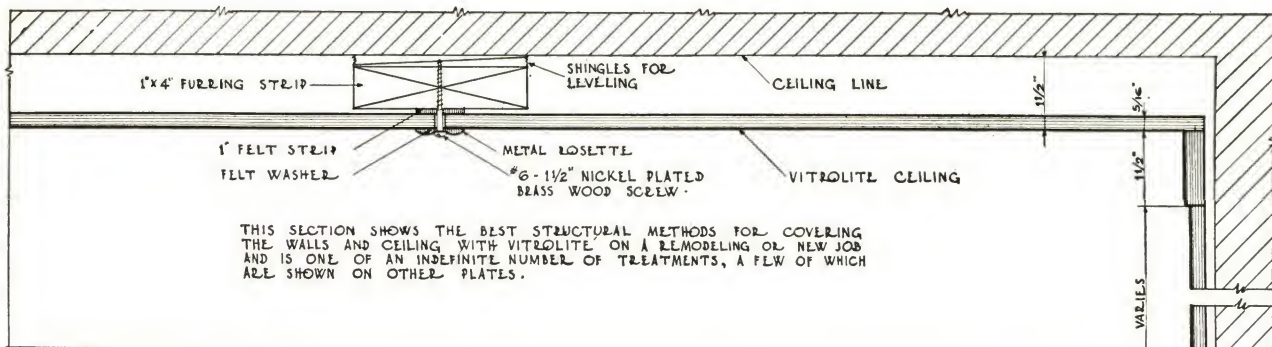
cement $\frac{3}{16}$ to $\frac{5}{16}$ in. thick. All joints are hairline contact joints and are pointed and sealed with a cement compound in colors to match the Vitrolite, or in contrasting colors that contribute to the decorative effect.

Construction—Vitrolite being a vitreous material must be considered with respect to the construction technique required to take advantage of its desirable qualities. It should not be subjected to structural strains nor to sudden extremes of temperature. Edges in contact with other materials should always be cushioned with felt or elastic cement. On wall work, small slabs not to exceed $12 \times 24 \times \frac{1}{2}$ in. or 2 ft. 0 in. x 3 ft. 0 in. x $\frac{7}{16}$ in. are preferable to larger slabs and are very rarely broken. Exposed edges subject to severe usage should be rounded or protected with metal moldings. On store front work it must be detailed so that moisture will not get back of it, and so that it is not subject to a crushing load from the deflection of structural beams or other members. Every few courses on exterior work should be supported on the bottom edge with concealed sheet metal angles fastened to the wall. Bulkheads should have ample clearance between metal construction and sidewalk or the sidewalk should be caulked in front of Vitrolite. It is advisable to consult with THE VITROLITE COMPANY's representative concerning special construction problems. As Vitrolite can be applied directly to present plaster or other solid wall surfacing, it is especially adaptable for remodeling work in comparison with tile or marble, which require costly preparatory work.

Uses—Vitrolite is in general use the world over for wainscoting and partitions in wash rooms, toilet compartments and shower baths of public and private buildings. In industrial plants, especially those handling foods, it is used for walls and ceilings of laboratories, bakeries, dairies, and industrial lunch rooms, also for work tables. In hospitals it is used for many purposes, the satin finish jade being especially favored for operating room walls. In restaurants and confectioneries it is used for wall facing, lunch counters, soda fountains, and table tops. It is in general use for barber shops, meat markets and other shop interiors. It is especially effective for modern store front work and is being increasingly used for the facing of entire buildings. Corridors of office buildings are frequently faced with Vitrolite. In the home Vitrolite is unexcelled for wainscoting of bathrooms, kitchens, and breakfast rooms, also work table tops and splash backs. Tops for the finest furniture, especially in connection with metal work, are most appropriate in Vitrolite.

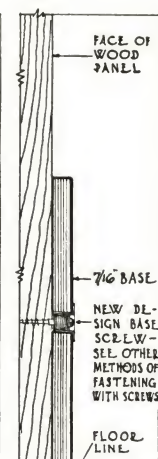
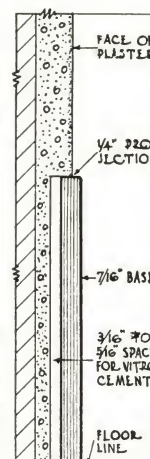
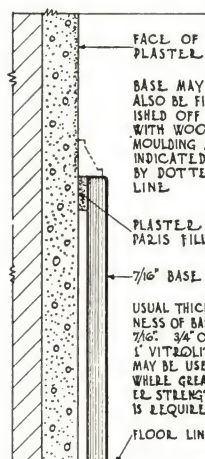
Structural Organizations—Organizations representing THE VITROLITE COMPANY are maintained in the principal cities of this country and in many foreign countries. They have crews of expert workmen for installing Vitrolite and will supply information concerning Vitrolite or submit estimates for installations. In many cases they maintain shops for fabricating material from stock sheets, or carry ashlar and trim in stock for immediate service.

Service Departments—To co-operate with architects THE VITROLITE COMPANY has an Art Department employing expert designers especially trained in the use of Vitrolite and under the direction of Mr. Frank Sohn. They will prepare colored sketches suggesting arrangements and color schemes for work in Vitrolite, without obligation to the architect. There is also an Engineering Department to prepare working drawings and details, and to assist the architect in developing construction methods and details for new applications.



ALTERNATE METHODS OF CAP INSTALLATION
SCALE - 3" = 1'-0"

ON NEW WORK BROWN COAT OF PLASTER ONLY IS SUFFICIENT FOR THIS TYPE OF INSTALLATION. FLOWED SMOOTH AND TO A TRUE STRAIGHT LINE. HOWEVER, HARD FINISH PLASTER IS PREFERABLE. VITROLITE MAY ALSO BE CE-
MENTED TO ANY HARD, DRY AND RIGID WALL SURFACE.
WOOD AND TERRAZZO FLOORS SHOULD BE LAID BEFORE BASE IS SET - USUALLY OTHER TYPES OF FLOORING ARE LAID AGAINST VITROLITE BASE AFTER IT IS SET.



ALTERNATE METHODS OF BASE INSTALLATION
SCALE 3" = 1'-0"

TYPICAL WAINSCOT & CEILING SECTION
SCALE - 3" = 1'-0"

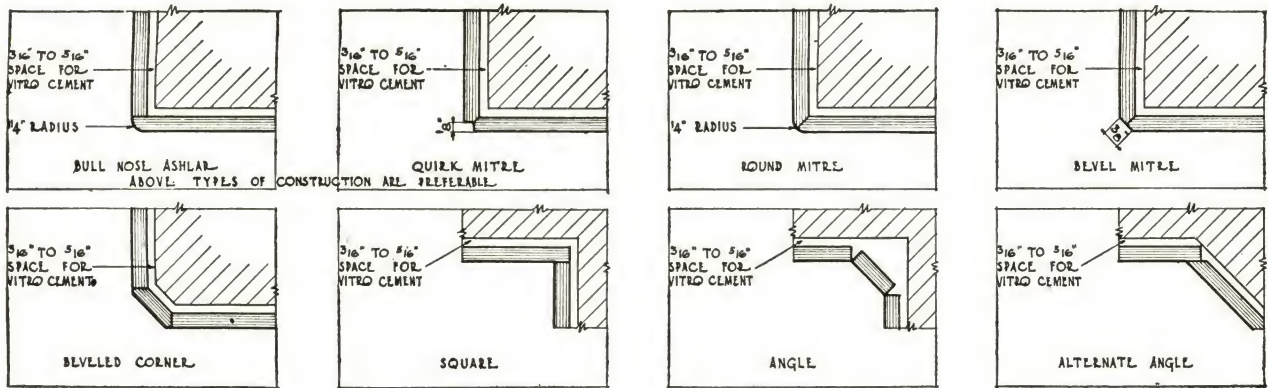
SECTION THRU WAINSCOT

ABOVE CONSTRUCTION RECOMMENDED FOR REMODELING WHEN CAP IS ABOVE EYE LINE. FOR LOW WAINSCOT USE WOOD MOULDING ABOVE CAP. (SEE ALTERNATE)
SCALE 3" = 1'-0"

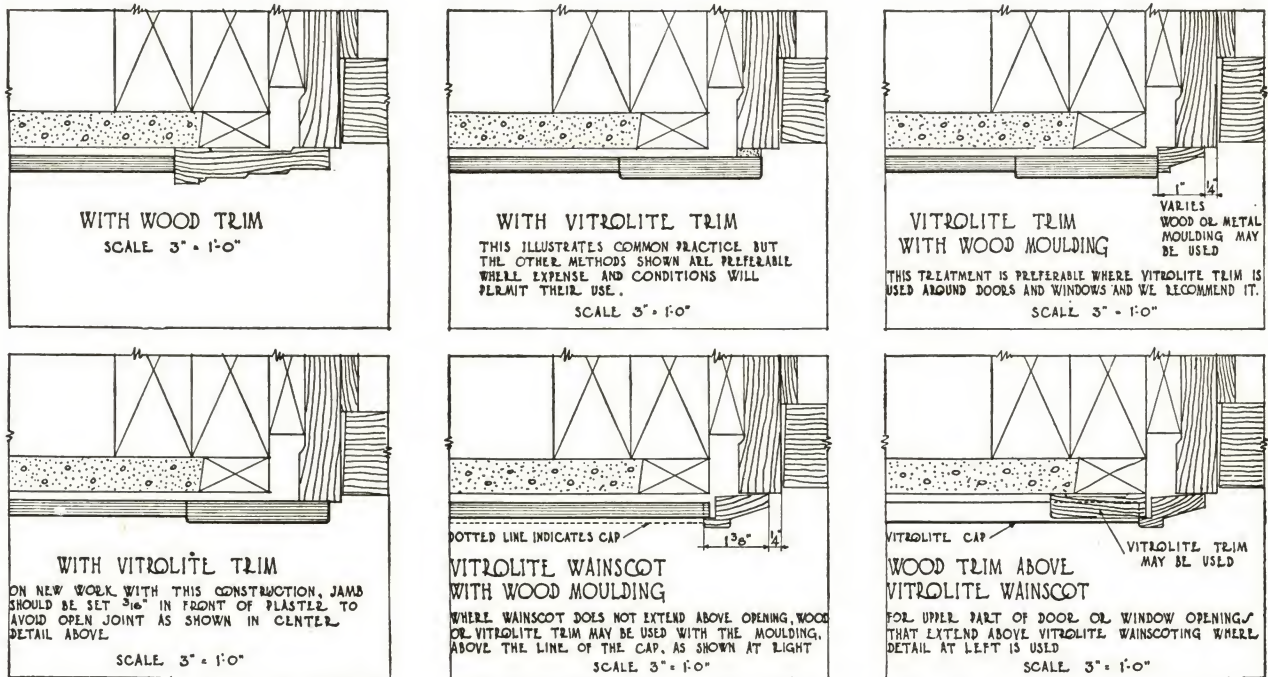
SECTION THRU WAINSCOT

ABOVE CONSTRUCTION RECOMMENDED FOR NEW BUILDINGS
SCALE 3" = 1'-0"

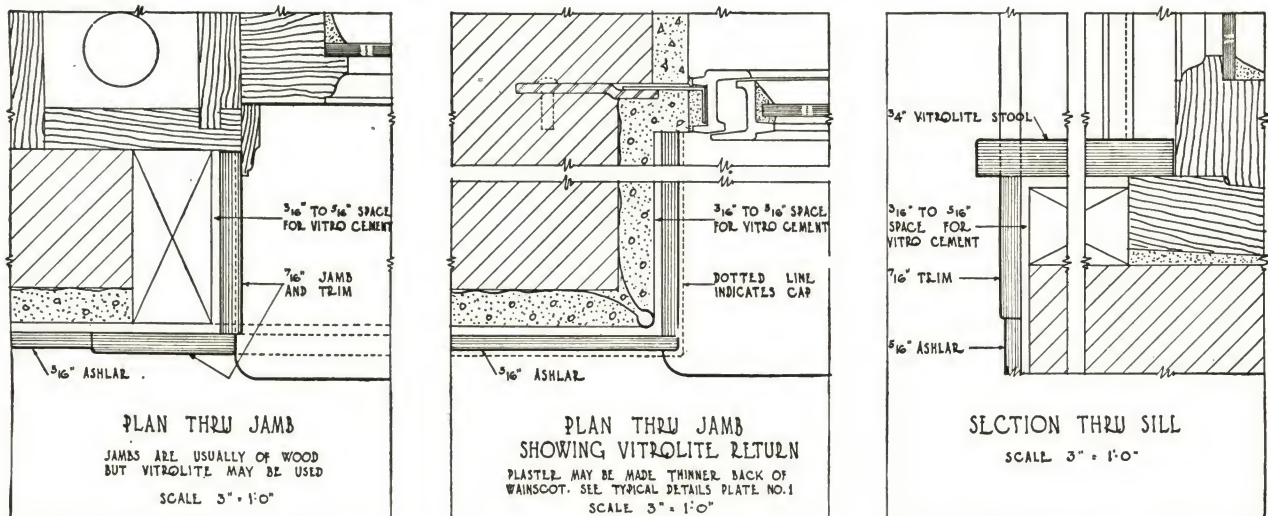
DETAILS SHOWING METHODS FOR INSTALLING BASE - CAP - WAINSCOT & CEILING — PLATE NO. 1



PLANS THROUGH EXTERIOR AND INTERIOR CORNERS
SCALE 3" = 1'-0"

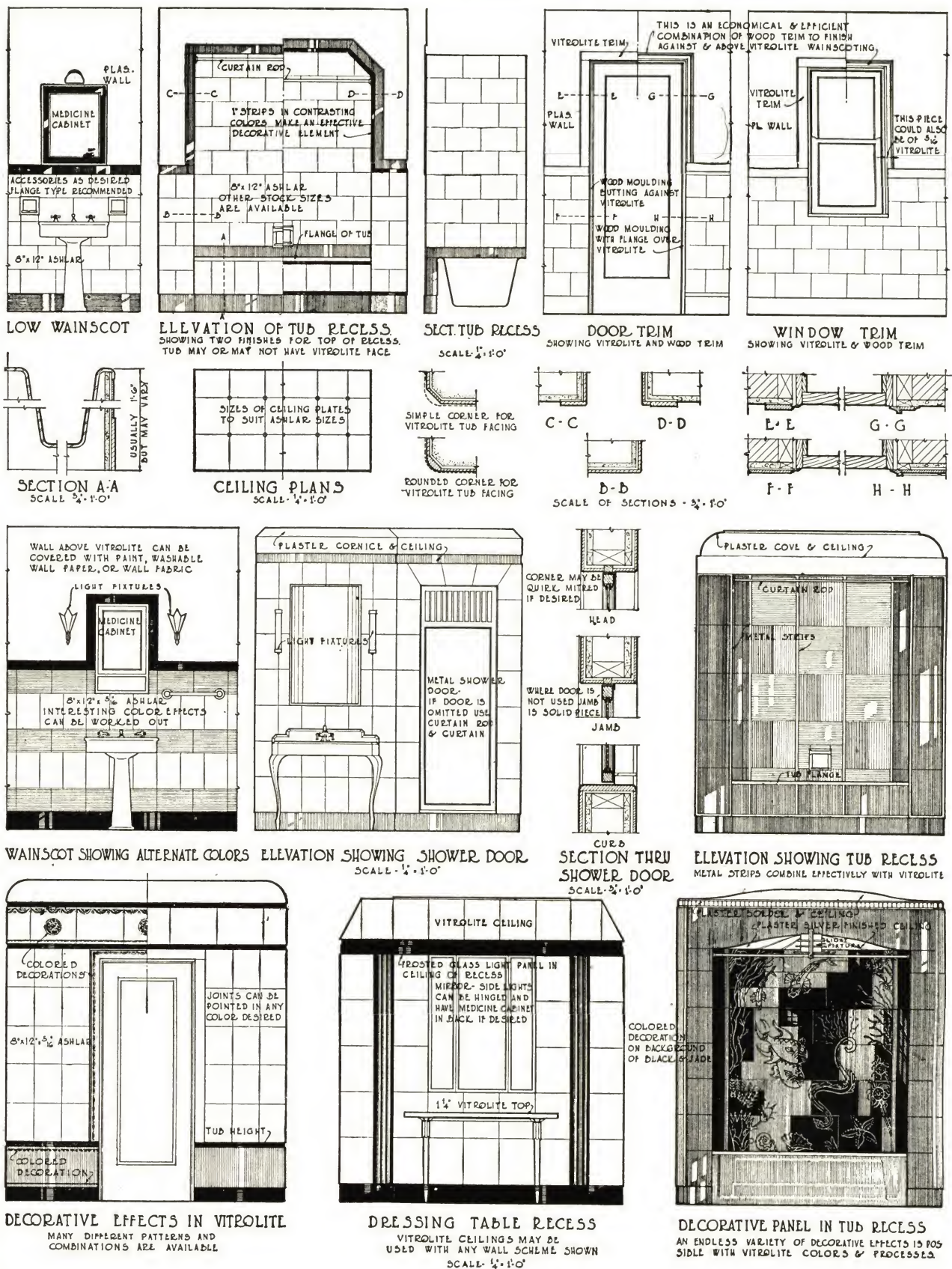


PLANS THROUGH DOOR JAMBS SHOWING VARIOUS TYPES OF CONSTRUCTION



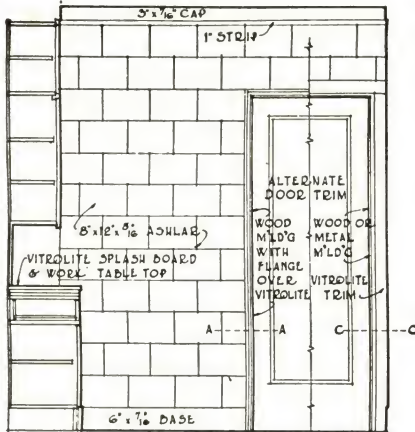
DETAILS SHOWING METHODS OF CONSTRUCTION FOR CORNERS - JAMBS & SILL

PLATE NO. 2



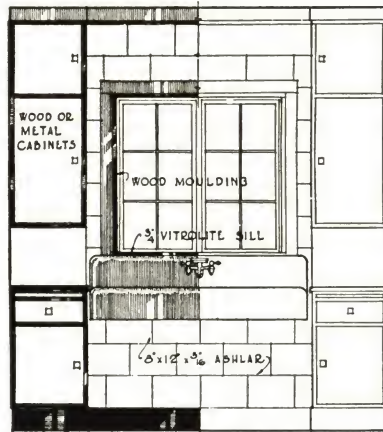
ELEVATIONS & DETAILS SHOWING USES OF VITROLITE IN BATHROOMS

PLATE NO. 3



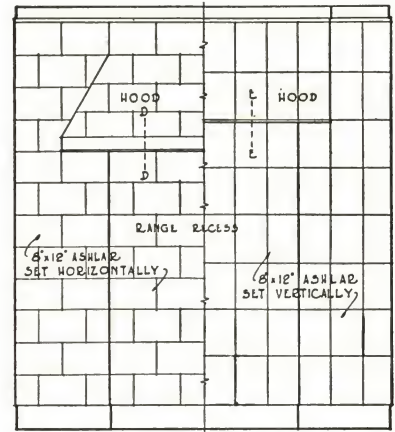
ELEVATION SHOWING DOOR TRIM

SCALE 1/4" = 1'-0"
VITROLITE CAN BE CUT TO ANY SIZE, BUT CERTAIN SIZES, SUCH AS 6"x12", 6"x16", 9"x18" ASHLAR, 6" BASE, 1" STRIP AND 3" CAP ARE TURNED OUT IN QUANTITIES AT SPECIAL PRICES.



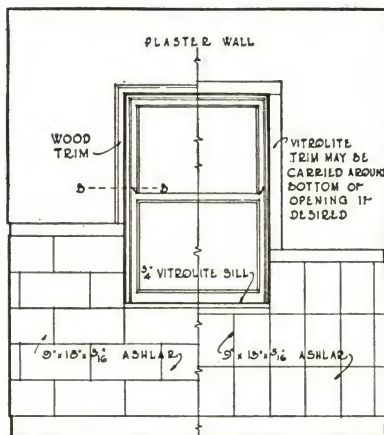
ELEVATION WITH SINK AND CABINETS

SCALE 1/4" = 1'-0"
TO CONTROL COSTS CONSULT LOCAL VITROLITE REPRESENTATIVE AS TO SIZES CARRIED IN STOCK AND BEST METHODS OF CONSTRUCTION.



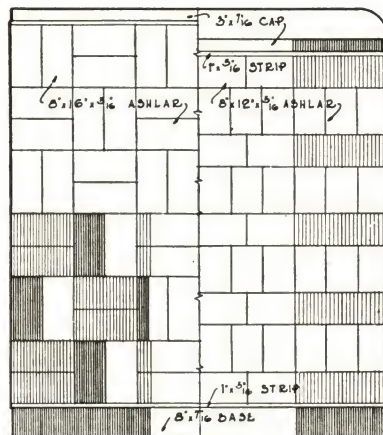
ELEVATION SHOWING RANGE RECESS & HOOD

SCALE 1/4" = 1'-0"
ASHLAR SET UP VERTICALLY - COSTS A LITTLE MORE THAN HORIZONTALLY; RANGE RECESS CAN BE DEEP ENOUGH TO DISPENSE WITH HOOD OR HOOD CAN BE USED ALONE.



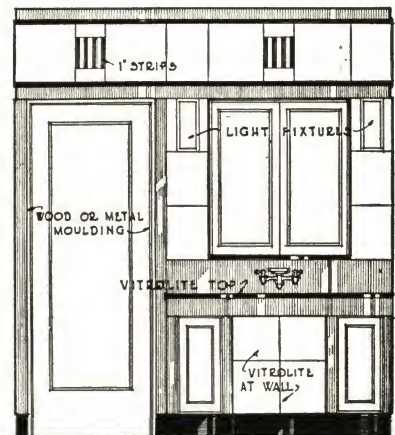
LOW WAJNSCOTING SUGGESTIONS

SCALE 1/4" = 1'-0"
SHOWING ARRANGEMENTS USED IN MORE MODEST INSTALLATIONS. WALLS ABOVE WAJNSCOT CAN BE PAINTED OR COVERED WITH WASHABLE WALL PAPER.



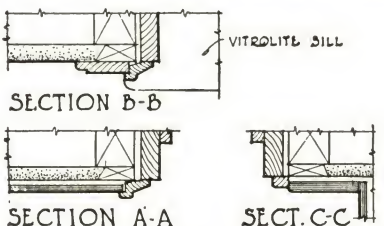
ELEVATION SHOWING VARIETY OF ARRANGEMENT

SCALE 1/4" = 1'-0"
A WIDE VARIETY OF COLOR AND PATTERN EFFECTS IS POSSIBLE WITH VITROLITE EVEN WHEN ONLY STOCK SIZES ARE USED.



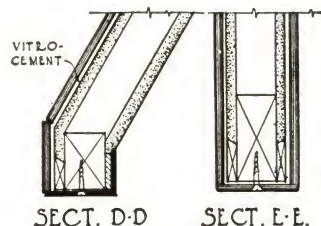
ELEVATION SHOWING DECORATIVE POSSIBILITIES

SCALE 1/4" = 1'-0"
WHILE SPECIAL SIZES COST A LITTLE MORE THEY OFFER THE ARCHITECT UNLIMITED POSSIBILITIES FOR DECORATIVE ARRANGEMENT.

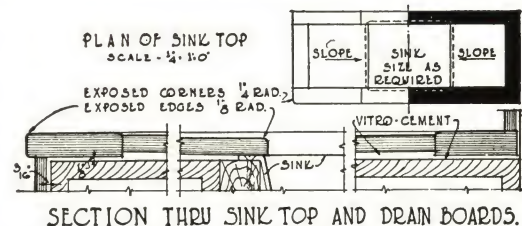


SECTION A-A
AN EFFECTIVE TRIM THAT MAKES POLISHED EDGE ON VITROLITE UNNECESSARY AT TOP & PROVIDES FINISH OVER WOOD

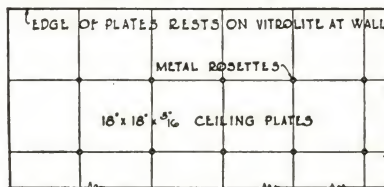
SECTION C-C
SIZE & SHAPE OF WOOD MOULDING MAY VARY TO SUIT REQUIREMENTS.



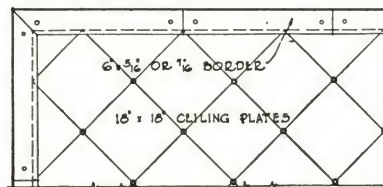
SECTION D-D
SCALE OF SECTIONS 1/4" = 1'-0"
A VARIETY OF ARRANGEMENTS IS POSSIBLE. INSIDE OF WOOD MAY BE FINISHED WITH PLASTER OR VITROLITE. BOTTOM MAY BE VITROLITE OR METAL.



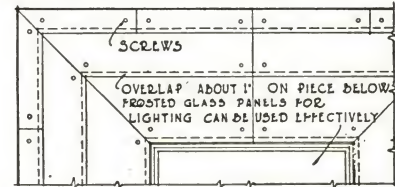
SECTION THRU SINK TOP AND DRAIN BOARDS.
VITROLITE SINK TOPS IN ONE PIECE WITH HOLE CUT OUT ARE NOT PRACTICAL BUT THE ABOVE CONSTRUCTION IN SEVERAL PIECES IS WIDELY USED. THE SLIGHT SLOPE DRAINS EASILY. EFFECTIVE COLOR COMBINATIONS ARE POSSIBLE. SUPPORT SINK FLANGE INDEPENDENTLY OF TOP.



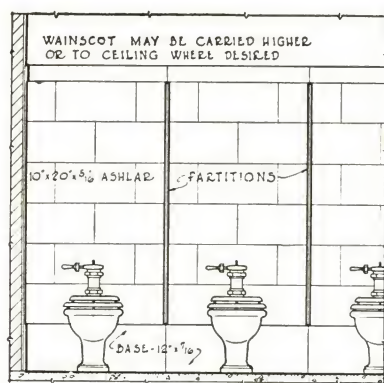
PLANS OF VITROLITE CEILINGS
METAL ROSETTES ARE AVAILABLE IN A VARIETY OF COLORS & FINISHES. SPECIAL GLASS ROSETTES CAN BE USED EFFECTIVELY.



PLANS OF VITROLITE CEILINGS SUGGESTING A VARIETY
VITROLITE CEILINGS ARE IDEAL FOR MANY PURPOSES, BOTH FOR DECORATIVE EFFECT AND FOR PERFECT SANITATION AND EASE OF CLEANING

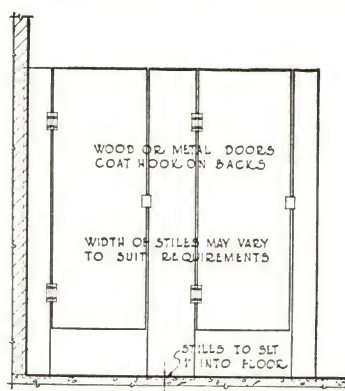


OF ARRANGEMENTS
SCALE 1/4" = 1'-0"
CEILING EFFECT WITH SERIES OF OVERLAPPING BORDERS WITH POLISHED EDGES. EXPOSED SCREWS MAY BE COUNTERSUNK WITH HOLES FILLED AND PAINTED OR WITH COLORED TACK HEADS - SEE PLATE NO. 7.



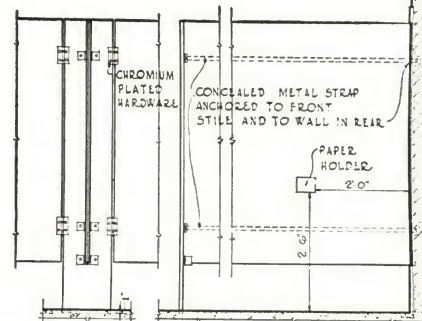
ELEVATION OF REAR WALL
SCALE 1/4" = 1'-0"

VARIOUS SIZES OF ASHLAR, PATTERNS OF WALL ARRANGEMENT AND COLOR SCHEMES CAN BE WORKED OUT, BUT TO AVOID EXCESSIVE COST IT IS WELL TO CONSULT THE VITROLITE REPRESENTATIVE IN YOUR LOCALITY OR WRITE THE MAIN OFFICE OF THE VITROLITE COMPANY, CHICAGO.



FRONT ELEVATION
SCALE 1/4" = 1'-0"

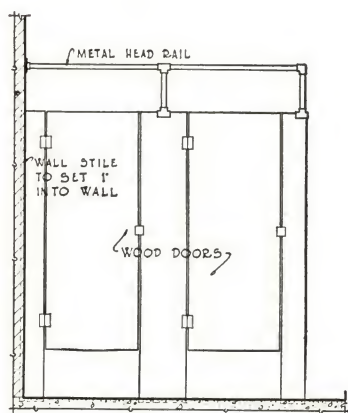
THIS IS THE STYLE OF PARTITION FAVORED BY THE MOST PROMINENT ARCHITECTS AND USED IN SUCH STRUCTURES AS THE EMPIRE STATE BUILDING, GRAYBAR BUILDING, WALL AND HANOVER BUILDING, IN NEW YORK CITY AND MANY OF THE FINEST BUILDINGS THROUGHOUT THE COUNTRY. IT REPRESENTS THE ULTIMATE ACHIEVEMENT IN TOILET PARTITIONS.



BACK OF CENTER STILE
SCALE 1/4" = 1'-0"

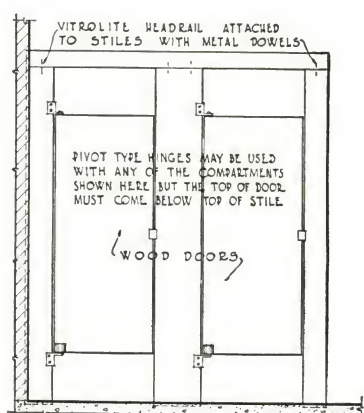
STILE POLISHED ON SIDES, FRONT, AND BACK.

VITROLITE PARTITIONS CONSIST OF TWO 1/2" SLABS CEMENTED TOGETHER, BACK TO BACK, WITH TWO METAL STRAPS CONNECTING STILE AND REAR WALL.



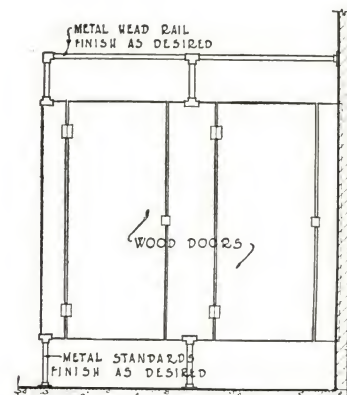
FRONT ELEVATION
SCALE 1/4" = 1'-0"

METAL HEADRAIL TYPE SOMETIMES IS USED WHERE ARRANGEMENT OR CONDITIONS MAKE NECESSARY THE EXTRA STIFFNESS AND PROTECTION AFFORDED



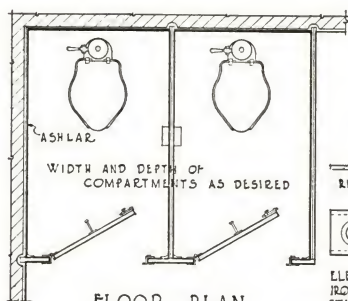
ELEVATION SHOWING HEADRAIL
SCALE 1/4" = 1'-0"

USED ONLY WHERE SOME SPECIAL REQUIREMENT OF SERVICE OR DESIGN MAKES IT NECESSARY.

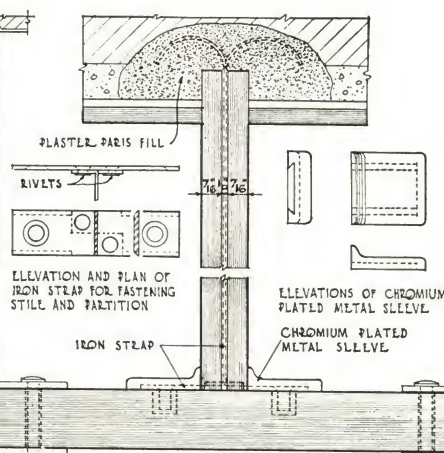


FRONT ELEVATION
SCALE 1/4" = 1'-0"

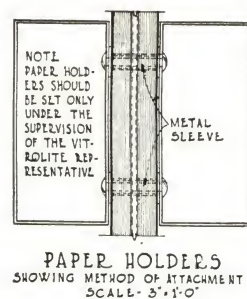
THIS TYPE OF CONSTRUCTION HAS BEEN DEVELOPED TO COMPLY WITH THE STANDARD SPECIFICATIONS OF THE SUPERVISING ARCHITECT OF THE TREASURY DEPARTMENT, U.S. GOVERNMENT, FOR USE IN POST OFFICES, FEDERAL BUILDINGS, ETC.



FLOOR PLAN
SCALE 1/4" = 1'-0"

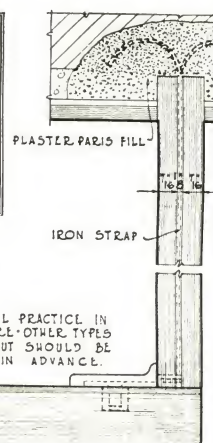


PLAN OF CENTER STILE AND PARTITION
SCALE 3/4" = 1'-0"



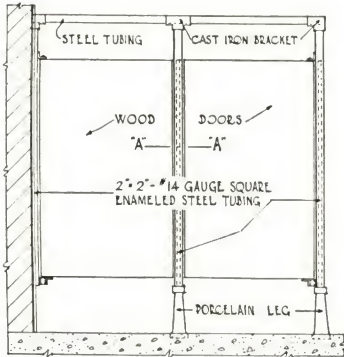
PAPER HOLDERS
SHOWING METHOD OF ATTACHMENT
SCALE 3/4" = 1'-0"

THIS SHOWS USUAL PRACTICE IN TYPE OF HARDWARE. OTHER TYPES ARE AVAILABLE BUT SHOULD BE SPECIFIED WELL IN ADVANCE.

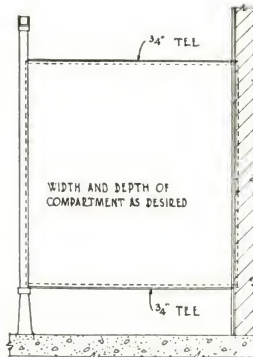


PLAN OF END STILE AND PARTITION
SCALE 3/4" = 1'-0"

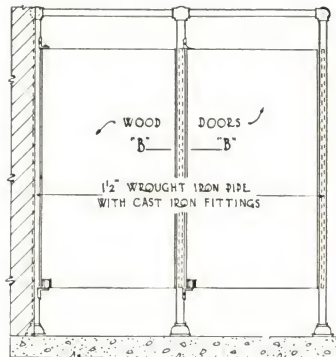
DETAILS OF SOLID STILE TYPE OF VITROLITE TOILET COMPARTMENTS PLATE NO.5



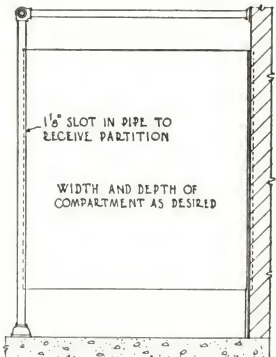
FRONT ELEVATION
SCALE 1/4" = 1'-0"



ELEVATION OF CENTER PARTITION
SCALE 1/4" = 1'-0"



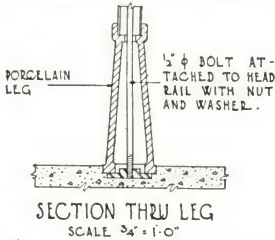
FRONT ELEVATION
SCALE 1/2" = 1'-0"



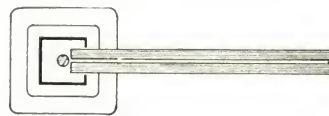
ELEVATION OF CENTER PARTITION
SCALE 1/4" = 1'-0"

THIS TYPE OF CONSTRUCTION DEVELOPED FOR SAN FRANCISCO SCHOOLS. MAY ALSO BE USED FOR COMMERCIAL BUILDINGS WHERE VITROLITE STILES ARE OMITTED. DOORS MAY ALSO BE OMITTED.

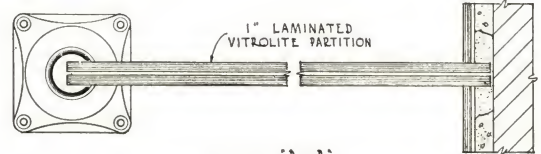
THIS CONSTRUCTION USING ROUND IRON PIPE HAS BEEN USED BY PROMINENT ARCHITECTS IN A NUMBER OF NEW ENGLAND ACADEMIES.



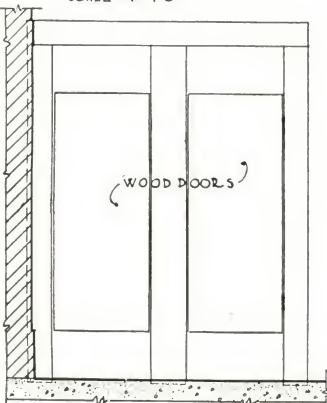
SECTION THRU LEG
SCALE 3/4" = 1'-0"



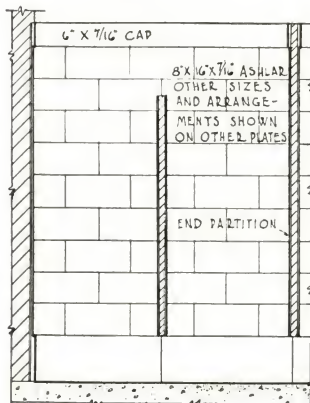
PLAN "A-A"
SCALE 1/2" = 1'-0"



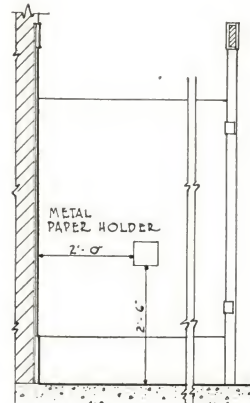
PLAN "B-B"
SCALE 1/2" = 1'-0"



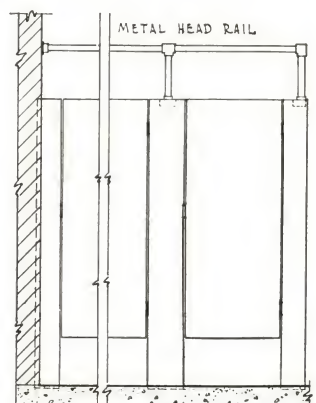
FRONT ELEVATION
SHOWING "BUILT-UP" TYPE WITH CORE TO WHICH SLABS OF VITROLITE ARE CEMENTED. VERY STRONG - PERMITS OF COLOR COMBINATIONS.



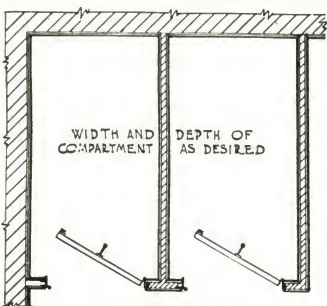
ELEVATION OF REAR WALL
SCALE OF ELEVATIONS 1/4" = 1'-0"



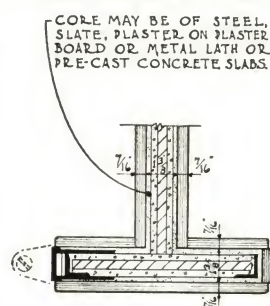
ELEVATION OF CENTER PARTN
HEAD RAIL IS SOMETIMES USED ON SCHOOL CONSTRUCTION - METAL FOOT STANDARDS ARE SOMETIMES USED



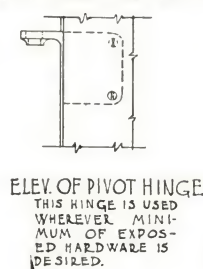
FRONT ELEVATION
HEAD RAIL IS SOMETIMES USED ON SCHOOL CONSTRUCTION - METAL FOOT STANDARDS ARE SOMETIMES USED



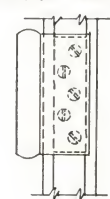
FLOOR PLAN
SCALE 1/4" = 1'-0"



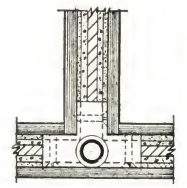
PLAN OF CENTER STILE
SHOWING PIVOT HINGE.



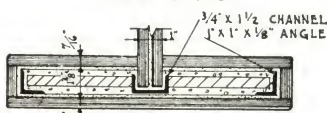
ELEV. OF PIVOT HINGE
THIS HINGE IS USED WHEREVER MINIMUM OF EXPOSED HARDWARE IS DESIRED.



END ELEV. OF STILE
SHOWING EXPOSED TYPE OF HINGE



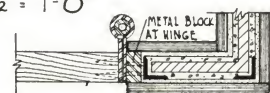
PLAN-TOP STANDARD



PLAN OF CENTER STILE
SHOWING DOUBLE SLAB CEMENTED PARTITION WITHOUT CORE.



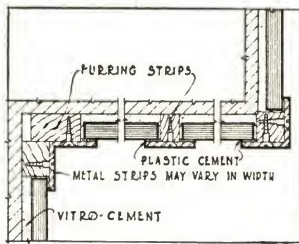
PLAN THRU JAMB
SHOWING DOOR STOP.



PLAN OF END STILE
SHOWING EXPOSED TYPE OF HINGE.

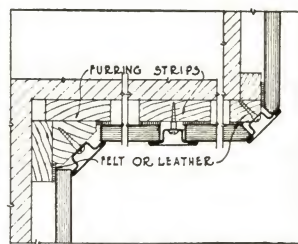


ELEV-TOP STANDARD

**METAL STRIPS**

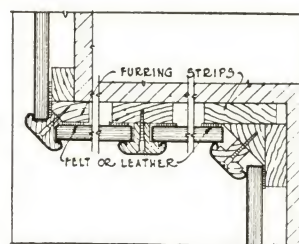
/SCALE 3" = 1'-0"

SIZE AND SHAPE OF METAL STRIPS AS REQUIRED. METAL COMBINES BEAUTIFULLY WITH VITROLITE IN DECORATIVE EFFECT.

**SNAP-ON METAL Moulding**

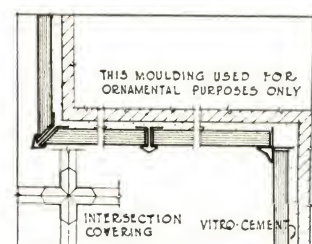
/SCALE 3" = 1'-0"

SPECIALLY DEVELOPED FOR USE WITH VITROLITE. HAS SPRING EFFECT AND LOOKS NEAT BECAUSE NO SCREW HEADS ARE EXPOSED.

**METAL COVERED WOOD Moulding**

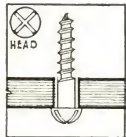
/SCALE 3" = 1'-0"

SEE CATALOGUE FOR VARIOUS SHAPES AND SIZES. METAL CAN BE FINISHED AS REQUIRED.

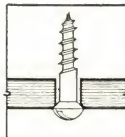
**ART GLASS METAL Moulding**

/SCALE 3" = 1'-0"

CONSIDERABLE VARIETY OF SHAPES AVAILABLE. MAKES AN EFFECTIVE AND INEXPENSIVE DECORATION.



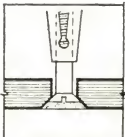
ROUND HEAD WOOD SCREW
HEAD WITH DOUBLE GROOVE MAKES BEST APPEARANCE. AVOID DRAWING SCREWS UP TOO TIGHT.



OVAL HEAD WOOD SCREW
CLEARANCE ALWAYS MUST BE LEFT BETWEEN VITROLITE & SURFACE TO WHICH IT IS SCREWED.



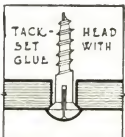
FLAT HEAD WOOD SCREW
CAN BE COUNTERSUNK. DEEP ENOUGH TO BE PUTTED UP & COLORED SAME AS VITROLITE.



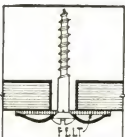
FLAT HEAD EXPANSION ANCHOR
LOCATION MUST BE DETERMINED PROPERLY TO AVOID STRAIN.



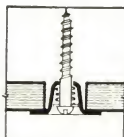
EXPANSION ANCHOR IN 3/4" VITROLITE
OF DETAILS - 3/4" = 1'-0". CONCEALED ATTACHMENT. USE ONLY AFTER CONSULTING VITROLITE AGENT.



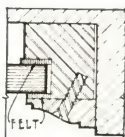
FLAT HEAD SCREW WITH TACK HEAD
6" = 1'-0". MAKES NEAT EFFECT. ENAMELED HEAD WITH STUD FITTING INTO HOLE IN SCREW HEAD.



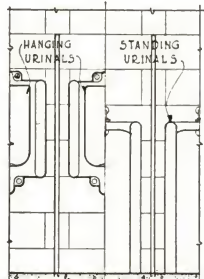
SCREW & METAL ROSETTE
METHOD USUALLY USED FOR FASTENING CEILINGS. GLASS & SPECIAL ROSETTES ALSO USED.



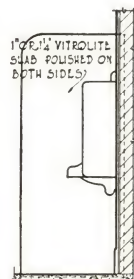
SPRING SCREW
SPECIALLY MADE TO FASTEN VITROLITE & MINIMIZE BREAKAGE.



METAL Moulding
FOR SIGNS, SPANDRELS, ETC. AVOID SCREWING Moulding TIGHT AGAINST VITROLITE.

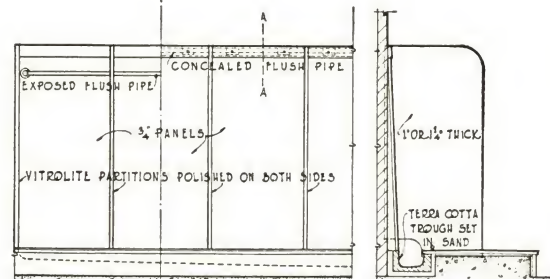


FRONT ELEVATION

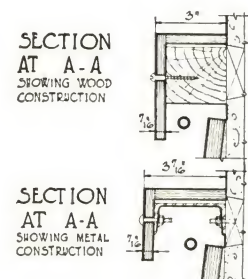


SIDE ELEVATION

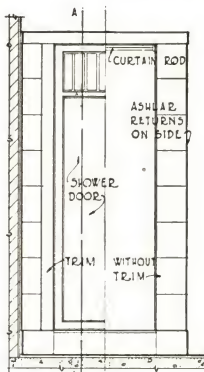
URINALS WITH VITROLITE WAISCOOT AND PARTITION SLABS.
/SCALE 1/4" = 1'-0"



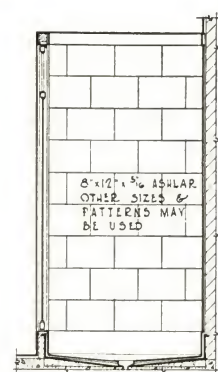
FRONT ELEVATION SIDE ELEVATION

ALL-VITROLITE URINAL STALLS/SCALE 1/4" = 1'-0"
USED IN STADIUMS, FACTORIES, INSTITUTIONS, ETC.SECTION AT A-A
SHOWING WOOD CONSTRUCTIONSECTION AT A-A
SHOWING METAL CONSTRUCTION

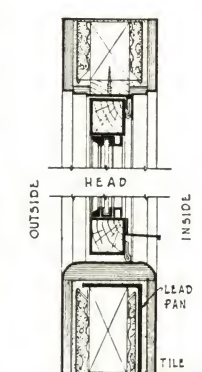
/SCALE OF DETAILS - 1 1/2" = 1'-0"



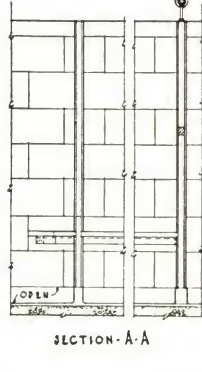
FRONT ELEVATION



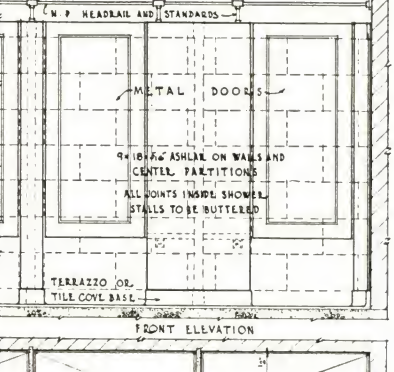
SECTION THROUGH DOOR



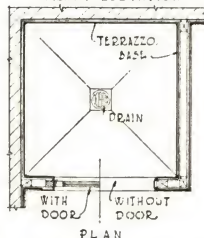
HEAD CURB SECTION A-A



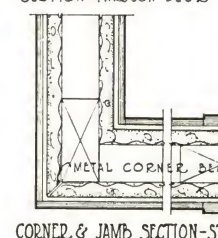
SECTION A-A



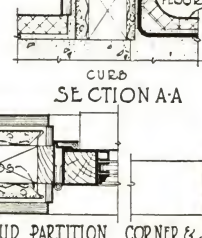
FRONT ELEVATION



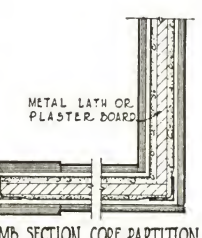
PLAN



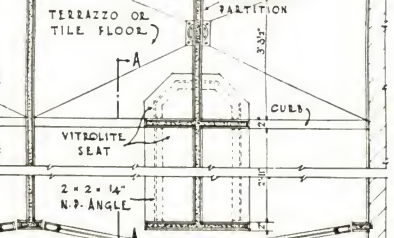
SECTION A-A



SECTION A-A



SECTION A-A



PLAN

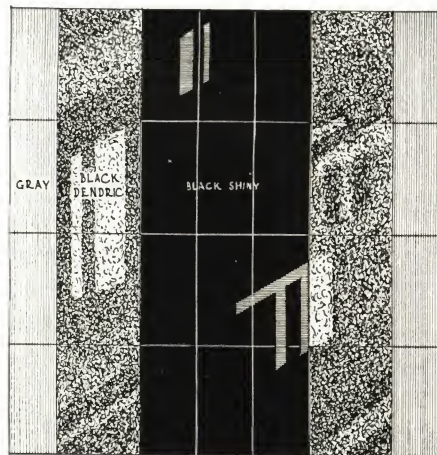
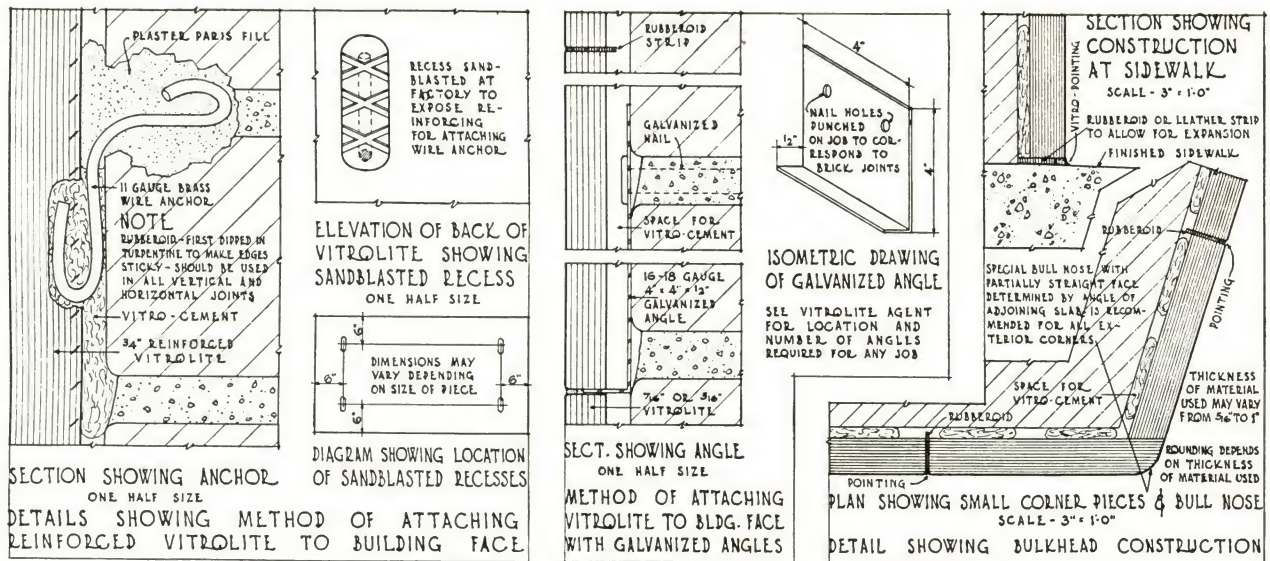
SHOWER STALLS OF ASHLAR ON STUD PARTITIONS

/SCALE OF PLANS & ELEVATIONS - 1/4" = 1'-0"

SHOWER STALLS OF RE-ENFORCED CONCRETE CORE CONSTRUCTION

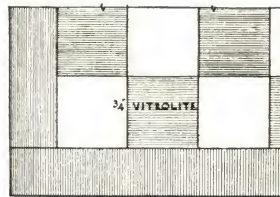
/SCALE OF DETAILS - 1 1/2" = 1'-0"

METHODS OF FASTENING VITROLITE WITH SCREWS & METAL Mouldings URINAL & SHOWER STALL DETAILS - PLATE NO. 7

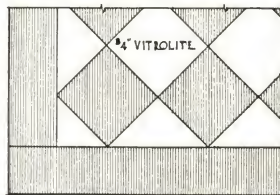


VITROLITE SHOW WINDOW BACKING
SCALE 1/2" = 1'-0"

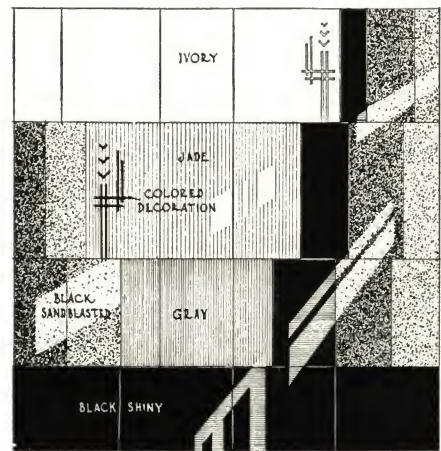
MANY SIMPLE AND EFFECTIVE WINDOW BACKINGS ARE POSSIBLE BY COMBINING THE VARIOUS COLORS AND TEXTURES OF VITROLITE.



ARRANGEMENTS FOR SIMPLE FLOORS. ELABORATE DESIGNS MAY BE EXECUTED IN A VARIETY OF COLORS

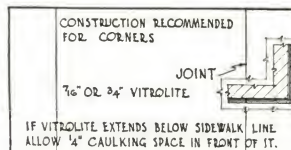


VITROLITE FLOORS FOR SHOW WINDOWS
SCALE 1/2" = 1'-0"

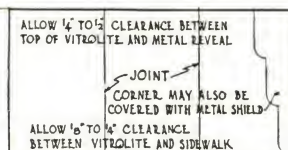


VITROLITE SHOW WINDOW BACKING
SCALE 1/2" = 1'-0"

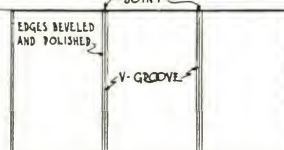
A MODERN TREATMENT FOR WINDOW BACKING OF VITROLITE WHICH IS DIGNIFIED AND SPARKLING.



ARRANGEMENT FOR SIMPLE BULKHEAD-CORNER. PIECES SHOULD BE FROM 4" TO 6" WIDE AND CORNERS ROUNDED OR BEVELED



AVOID LARGE SLABS WHICH ARE IMPRACTICAL BECAUSE OF EXPANSION OF ADJOINING MATERIALS.



BEAUTIFUL EFFECT THAT IS SPARKLING AND ATTRACTIVE BECAUSE OF REFLECTION ON BEVELED EDGES



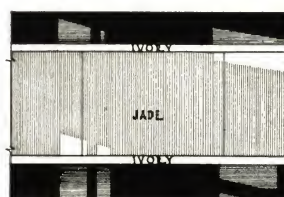
LETTERING MAY BE SANDBLASTED ONLY.—SANDBLASTED AND COLORED OR METAL. IF METAL LETTERS ARE USED VITROLITE MUST BE DRILLED AND LETTERS FASTENED WITH SCREWS



A REALISTIC EFFECT OF FLUTING IS SECURED BY SHADED SANDBLASTING. WIDTH OF FLUTES AS REQUIRED



EFFECTS OF FLUTING AND V-GROOVES PRODUCED BY SANDBLASTING. GREAT VARIETY OF EFFECTS IS POSSIBLE

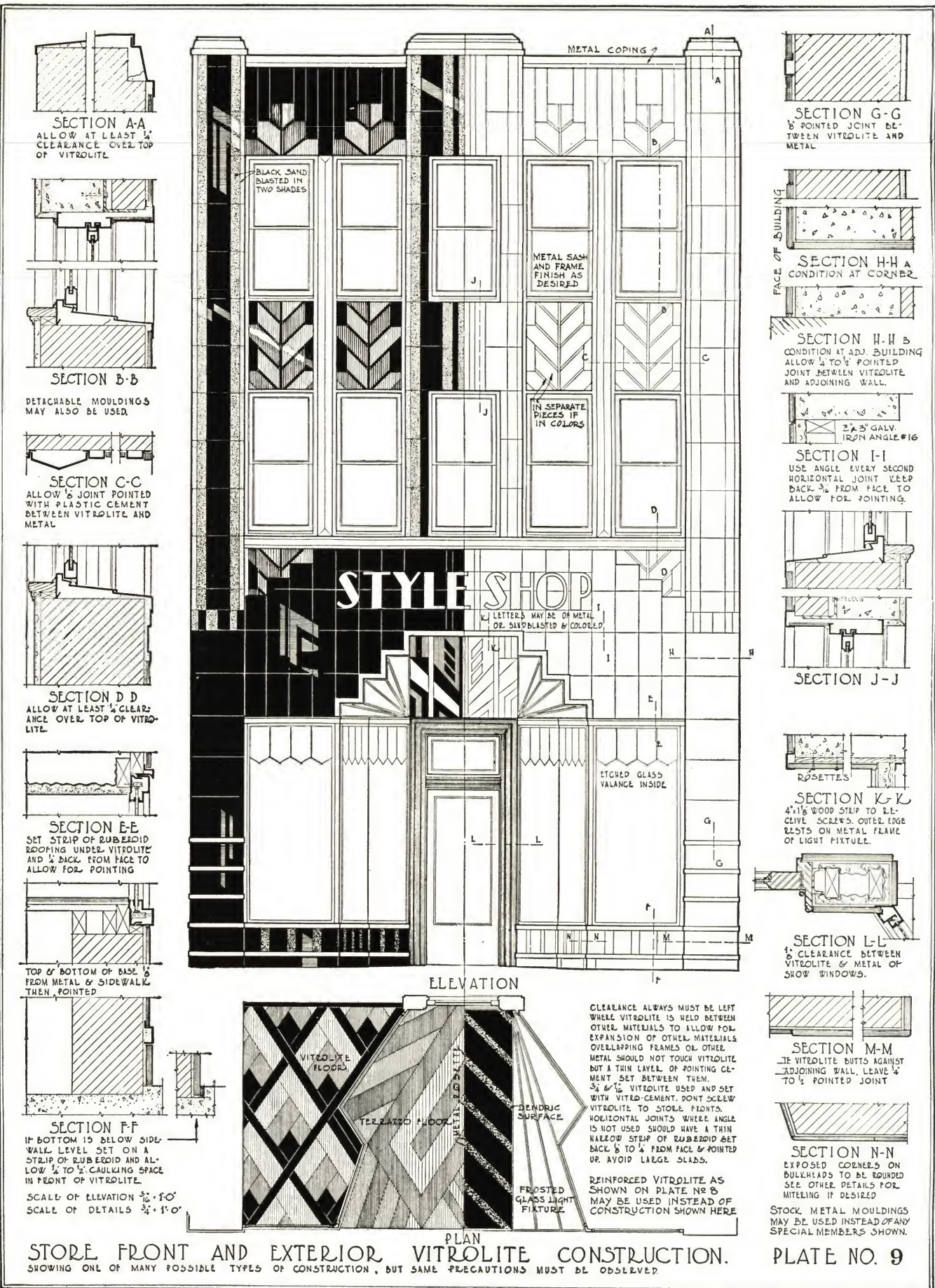


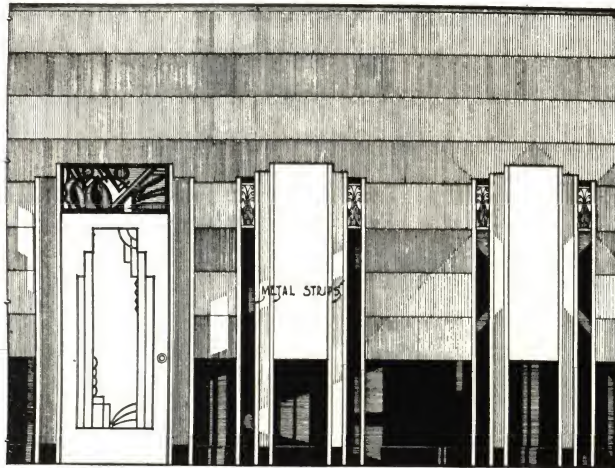
COLORFUL ARRANGEMENTS MAY BE MADE BY COMBINING THE VARIOUS COLORS AND TEXTURE OF VITROLITE



A RICH EFFECT IS SECURED BY USING VITROLITE DENDRIC SURFACE AS ACCENTS TO POLISHED BLACK

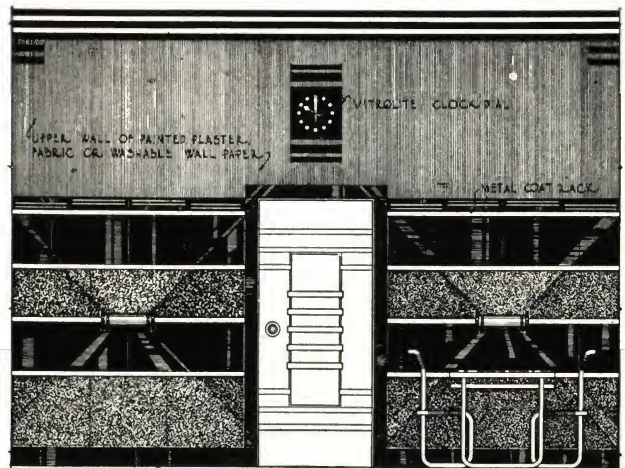
ELEVATIONS OF VITROLITE BULKHEADS SHOWING VARIETY OF DESIGNS AND CONSTRUCTION
SCALE 1/2" = 1'-0"





VITROLITE WALL TREATMENT FOR RESTAURANT. DESIGN NO. 300
SCALE 3/16" = 1'-0"

SET WITH VITRO-CEMENT OR CAN BE ATTACHED WITH METAL STRIPS & SCREWS TO WOOD FRAMEWORK IN BACK THUS BECOMING A MOVABLE FIXTURE.



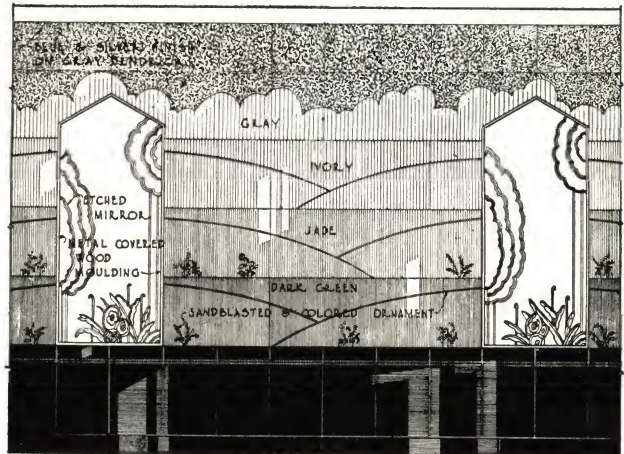
VITROLITE WAINSCOTING FOR RESTAURANT. DESIGN NO. 400
SCALE 3/16" = 1'-0"

FOR CEMENTED OR SCREWED ON TREATMENT. SEE BOOKLET 'VITROLITE IN THE RESTAURANT' FOR ADDITIONAL WALL AND WAINSCOT TREATMENT.



SPECIAL VITROLITE WALL & CEILING SCHEME FOR RESTAURANT
SCALE 3/16" = 1'-0"

THE POSSIBILITIES FOR INTERESTING EFFECTS IN VITROLITE ARE UNLIMITED. RECENT INSTALLATIONS HAVE BEEN SENSATIONAL SUCCESSSES IN ATTRACTING PUBLIC PATRONAGE.



SPECIAL VITROLITE WALL TREATMENT FOR RESTAURANT
SCALE 3/16" = 1'-0"

EFFECT OF DISTANCE GIVEN BY HORIZONTAL BANDS OF DIFFERENT COLORS INCREASES APPARENT SIZE OF ROOM.



VITROLITE WALL TREATMENT FOR ELEVATOR LOBBY.
SCALE 3/16" = 1'-0"

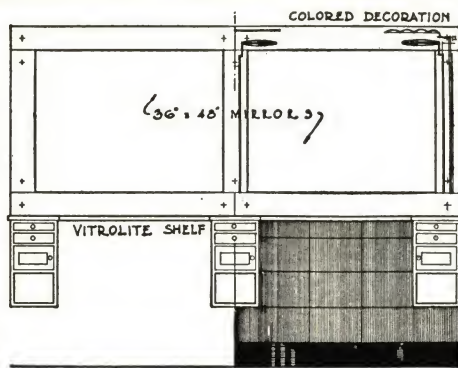
DISTINCTIVE DESIGNS ARE READILY OBTAINED WITH DIGNIFIED BLACK IN ITS VARIOUS TEXTURES OCCASIONALLY RELIEVED BY COLORFUL ORNAMENT.



VITROLITE WALL TREATMENT FOR ELEVATOR LOBBY
SCALE 3/16" = 1'-0"

A SPARKLING AND DRAMATIC EFFECT MAY BE SECURED BY COMBINING SHINY BLACK WITH DENDRIC FINISH AND METAL MOULDINGS WITH COLORED PANELS.

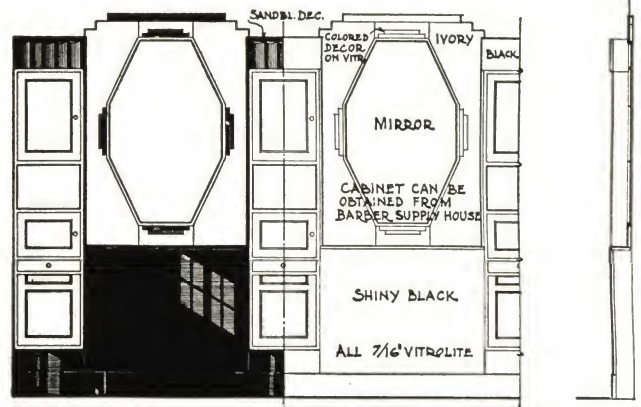
VITROLITE INSTALLATIONS IN RESTAURANTS AND LOBBIES PLATE NO. 10



MIRROR CASE WITH SHELF

SCALE: $\frac{1}{4}'' = 1'-0''$

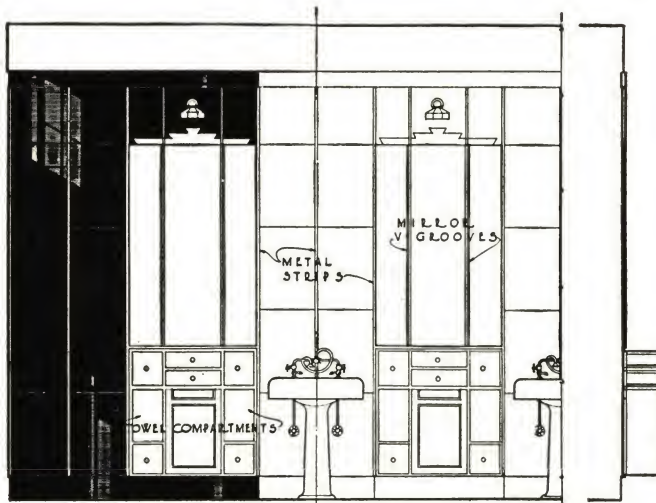
SIMPLE & ELABORATE MIRROR CASES OF VITROLITE ARE CARRIED IN STOCK BY LEADING BARBER SUPPLY CO.



THE BOUL MICH NO 1007 SECTION

SCALE: $\frac{1}{4}'' = 1'-0''$

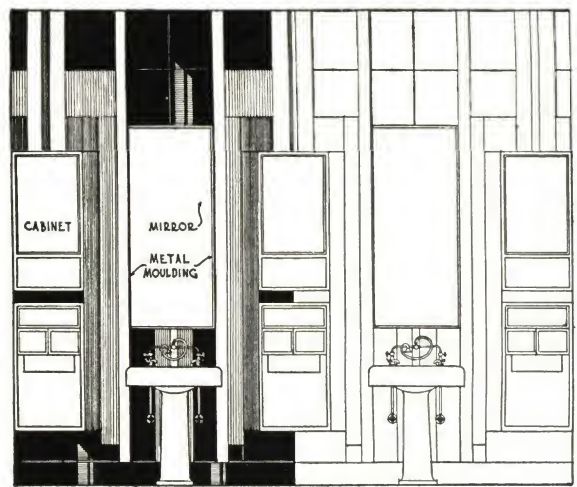
MANY ATTRACTIVE & NOVEL DESIGNS SUITABLE FOR A GREAT VARIETY OF CONDITIONS ARE AVAILABLE. ASK FOR CATALOGUE ON BARBER CASES.



TYPICAL BARBER SHOP

SCALE: $\frac{1}{4}'' = 1'-0''$

THE ART DEPARTMENT OF THE VITROLITE COMPANY WILL FURNISH SPECIAL DESIGNS INCORPORATING THE LATEST TRENDS IN DECORATIVE STYLES.

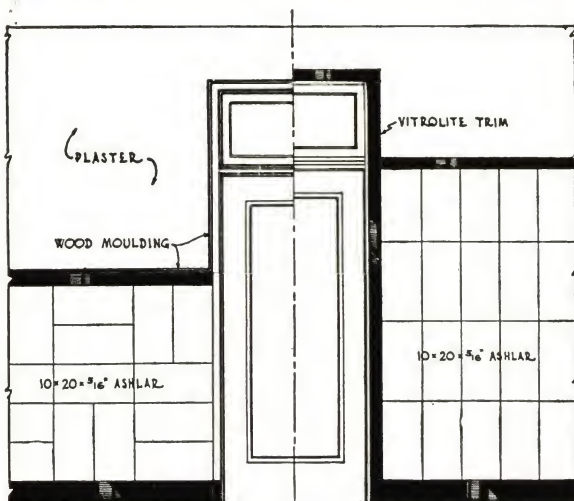


SECTION

MODERN BARBER SHOP INSTALLATION

SCALE: $\frac{1}{4}'' = 1'-0''$

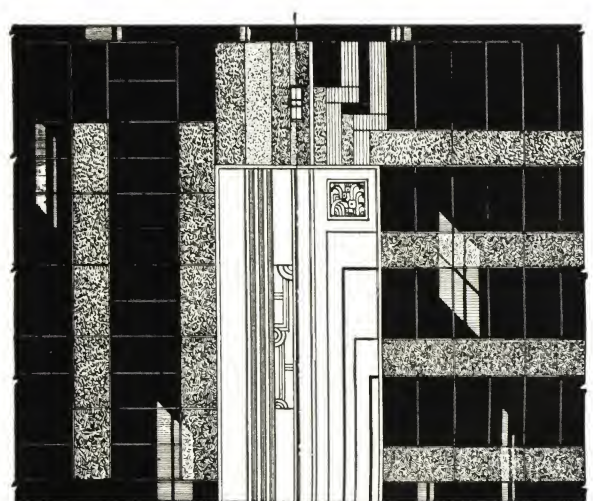
VITROLITE IS UNUSUALLY ADAPTABLE FOR DESIGNS OF MODERN CHARACTER, AND MAY BE OBTAINED IN A GREAT VARIETY OF DESIGNS AND COLOR COMBINATIONS.



VITROLITE WAINSCOT IN CORRIDOR

SCALE: $\frac{1}{4}'' = 1'-0''$

SIMPLE AND INEXPENSIVE CORRIDOR TREATMENTS OF ANY DESIRED HEIGHT MAY BE OBTAINED BY THE USE OF VITROLITE ASHLAR. IN VARIOUS STOCK SIZES - SEE AGENT FOR INFORMATION.



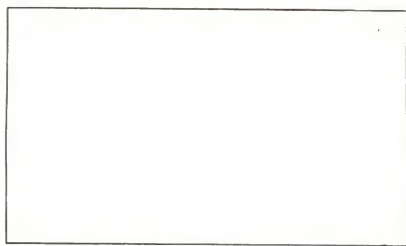
VITROLITE WAINSCOT IN CORRIDOR

SCALE: $\frac{1}{4}'' = 1'-0''$

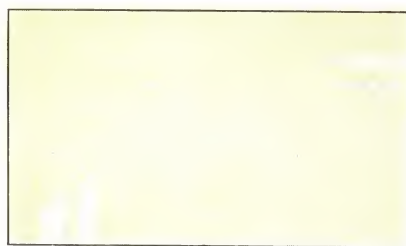
A RICH AND STRIKING EFFECT MAY BE OBTAINED BY COMBINING VARIOUS TEXTURES OF BLACK VITROLITE AS ILLUSTRATED BY THE DESIGNS ABOVE.

ELEVATIONS OF MIRROR CASES - BARBER SHOP INSTALLATIONS AND CORRIDOR WAINSCOTS

PLATE NO. 11



WHITE



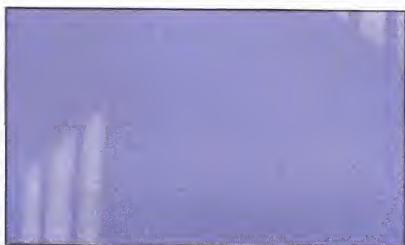
IVORY



JADE



GRAY



BLUE



ORCHID



BLACK



ORCHID-AGATE



BLACK DENDRIC SURFACE



EMERALD-AGATE



WALNUT-AGATE



EBONY-AGATE



BLACK TWO-TONE SANDBLAST



BLACK COLORED DECORATION



BLACK SHADED SANDBLAST

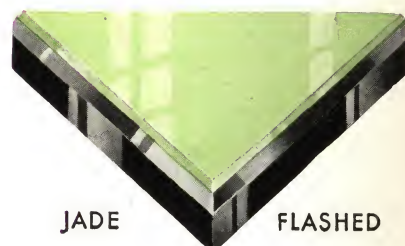
COLORS AND DECORATIVE PROCESSES

THIS CHART illustrates standard Vitrolite colors and the principal decorative processes. The agate colors will show a considerable variety in the veinings. Samples will be furnished upon request.

THE VITROLITE COMPANY

120 South La Salle Street

CHICAGO, ILLINOIS




JADE

FLASHED



VITROLITE

CONSTRUCTION DETAILS



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TOILET PARTITIONS • FOR IN-
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